

	Stimulus Types		Response Types				Conceptual Aspects		
Method	few, discrete presentation	many, continuous presentation	formal	spikes	continuous signals	multiple channels	assumed nature of code	response space construction	code description
direct	yes	yes	discrete	yes	no	unfavorable	virtually none	no	no
metric space	yes	no	point process	yes	no	very favorable	specific models	yes	yes
embedding	yes	maybe	function of time	yes	yes	favorable	continuous	yes	minimal
context tree	no	yes	discrete	yes	no	favorable	context tree	no	minimal
principal components	yes	maybe	function of time	yes	yes	favorable	rate envelope	yes	yes
reconstruction	maybe	yes	function of time	yes	yes	favorable	Volterra	no	yes
power series	yes	maybe	point process	yes	no	favorable	order-by-order	no	yes
compression	no	yes	discrete	yes	no	very favorable	virtually none	no	minimal
spectrotemporal	yes	yes	function of time	yes	yes	favorable	continuous (time and frequency)	no	yes

Table 1